

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	899	((rotary or rotation\$3 near4 valve) and (chamber \$2 or assay\$2 or well\$2 or container\$2) and ("422"/\$ or "436"/\$)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 12:39
S2	14	("4231990"   "4506558"   "4726237"   "4983523"   "5105851"   "5143084"   "5374522"   "5652141"   "5856174"   "5882903"   "5922591"   "6043080"   "6100084"   "6168948"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/24 16:04
S3	14	("4506558").URPN.	USPAT	OR	OFF	2005/05/24 16:04
S4	31	Dority.in. and Douglas.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:04
S5	32017	Chang.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:04
S6	153	S5 and Ronald.in.	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:04
S7	2	("6178832").URPN.	USPAT	OR	OFF	2005/05/25 11:19
S8	7	("3321125"   "4546659"   "5218874"   "5417121"   "5827586"   "5898113"). PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 11:19
S9	899	((rotary or rotation\$3 near4 valve) and (chamber \$2 or assay\$2 or well\$2 or container\$2) and ("422"/\$ or "436"/\$)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:54
S10	454	S9 and (detector\$2 or sensor\$2) and (piston\$2 or syringe\$2 or pump\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/25 11:55

S11	46	("3258899"   "3323292"   "3324631"   "3430418"   "3564816"   "3738087"   "3986849"   "4194890"   "4247311"   "4272265"   "4512781"   "4559065"   "4673419"   "4698075"   "4761165"   "4806134"   "4877429"   "4925464"   "5002591"   "5286282"   "5286283"   "5340381"   "5522150"   "5549736"   "5575541"   "5578115"   "5632804"   "5662727"   "5766310"   "5827354"   "5901459"   "5902551"   "5928415"   "5961698"   "5997617"   "6036754"   "6063161"   "6146450"   "6152163"   "6200365"   "6290759").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/25 12:09
S12	10	("20030209283"   "2757839"   "4426021"   "4827993"   "5168905"   "5566733"   "6063339"   "6637471"   "6641517"). PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/25 12:18
S13	20	("0843935"   "1468502"   "1542452"   "3274895"   "4280416"   "4702269"   "5016547"   "5460789"   "5547640"   "5562442"   "5584916"   "5871347"   "5871349"   "5983986"   "6203316"   "6298877"). PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/25 12:21
S14	19	("5460789").URPN.	USPAT	OR	OFF	2005/05/25 12:28
S15	17	("5562442").URPN.	USPAT	OR	OFF	2005/05/25 12:30
S16	20	("0843935"   "1468502"   "1542452"   "3274895"   "4280416"   "4702269"   "5016547"   "5460789"   "5547640"   "5562442"   "5584916"   "5871347"   "5871349"   "5983986"   "6203316"   "6298877"). PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/25 12:31

S17	38	"3458437"   "4038874"   "4444066"   "4631687"   "4711764"   "4816226"   "4926702"   "4980130"   "4999439"   "5049509"   "5071547"   "5106756"   "5108928"   "5205845"   "5240604"   "5277871"   "5443791"   "5474744"   "5492831"   "5574216"   "5603899"   "5670054"   "5711786"   "5766481"   "5772874"   "5783450"   "5814742"   "5900934"   "5918273"   "5919368"   "5938932"   "5942433"   "6040186"   "6054047"   "6080318"   "6197198"   "6210571").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 14:47
S18	15	("4444066").URPN.	USPAT	OR	OFF	2005/05/25 14:50
S19	12	("4889692").URPN.	USPAT	OR	OFF	2005/05/25 14:57
S20	0	("6387710").URPN.	USPAT	OR	OFF	2005/05/25 15:03
S21	9	{"4585623"   "4598576"   "4736636"   "4889692"   "5384095"   "5523231"   "5674394"   "5863801"   "5976369").FN.	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 15:03
S22	10	("5674394").URPN.	USPAT	OR	OFF	2005/05/25 15:11
S23	12	("4889692").URPN.	USPAT	OR	OFF	2005/05/25 15:32
S24	0	"60107021"	USPAT	OR	OFF	2005/05/25 15:32
S25	1	"5976369".FN.	USPAT; USOCR	OR	OFF	2005/05/25 15:32
S26	42	("3223083"   "4277463"   "4347243"   "4359049"   "4373023"   "4852568"   "5000854"   "5151192"   "5192300"   "5275616"   "5292332"   "5310407"   "5318524"   "5383896"   "5413571"   "5437292"   "5443481"   "5447502"   "5510102"   "5529577"   "5532311"   "5571181"   "5585007"   "5591205"   "5601602"   "5624669"   "5674394"   "5676689"   "5716375"   "5741223"   "5788662"   "5795571"   "5814066"   "5830130"	US-PGPUB; USPAT; USOCR	OR	OFF	2005/05/25 17:20

		"5843124"   "5916236"   "5957952"   "6007563"   "6033427"   "6146771"   "6197289").PN.				
S27	22376	(syringe\$2 or dispenser\$2 or applicat\$2) with valve\$2	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/25 17:21
S28	42	("3223083"   "4277463"   "4347243"   "4359049"   "4373023"   "4852568"   "5000854"   "5151192"   "5192300"   "5275616"   "5292332"   "5310407"   "5318524"   "5383896"   "5413571"   "5437292"   "5443481"   "5447502"   "5510102"   "5529577"   "5532311"   "5571181"   "5585007"   "5591205"   "5601602"   "5624669"   "5674394"   "5676689"   "5716375"   "5741223"   "5788662"   "5795571"   "5814066"   "5830130"   "5843124"   "5916236"   "5957952"   "6007563"   "6033427"   "6146771"   "6197289").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/25 17:22
S29	26	("2667075"   "3024660"   "3405706"   "3545932"   "3561427"   "3595086"   "3730352"   "3785928"   "3901653"   "3963151"   "4004884"   "4025311"   "4042337"   "4126043"   "4227413"   "4710474"   "4847205"   "4852560"   "4854182"   "4865813"   "4889692").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/25 17:26
S30	25	("4004975"   "4159896"   "4343793"   "4359049"   "4362567"   "4427650"   "4627879"   "4680025"   "4696748"   "4735616"   "4800022"   "4978336"   "5039401"   "5185001"   "5290552"   "5304372"   "5318782"   "5330974"   "5405607"   "5428008"   "5437598"   "5464535"   "5585007"   "5601727"   "5674394").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/25 17:28

S31	23	("3964513"   "4068528"   "4152391"   "4346610"   "4445391"   "4506558"   "4507977"   "4702889"   "4726237"   "4726932"   "4896546"   "4948565"   "4957008"   "5207109"   "5251670"   "5390552"   "5437200"   "5524496"   "5542305"   "5601115"   "5650577"   "5763795"   "5803117").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/26 14:09
S32	17	"4068528"	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/26 14:09
S33	17	"4068528"	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/26 15:19
S34	4	(valve\$2) and (dispenser\$2) and bead\$2	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/26 15:20
S35	8	(dispenser\$2) and bead\$2	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/26 15:20
S36	2589	"422"/\$ and transducer	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 12:39
S37	680	S36 and ultrasonic	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 12:40
S38	348	S37 and valve\$2	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 12:41
S39	36	S37 and (valve\$2 near4 rota\$4)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:13
S40	1278	gordon.xa.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:10
S41	143	S40 and Brian.xa.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:10
S42	12	S41 and transducer	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:10
S43	10566	(valve\$2 with transducer)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:14
S44	34	S43 and "347"/\$	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2005/05/31 13:14
S45	8	("4072959"   "4340083"   "4629926"   "4875058"   "6164621"   "6173744"   "6257445"   "6499509").PN.	US-PGRUB; USPAT; USOCR	OR	OFF	2005/05/31 13:16

S46	30	("4340083").URPN.	USPAT	OR	OFF	2005/05/31 13:19
S47	29	"4812221"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2006/02/15 14:53
S48	2	"20040203055"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/28 19:10
S49	31	"6495104"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/10/29 17:18
S50	1	"20040203055"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/10/29 19:10
S51	1	"20040203055"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2009/11/02 13:28
S52	2	("5808179"   "6004514"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 16:45
S53	5	("6365105").URPN.	USPAT	OR	ON	2010/02/03 16:46
S54	9	("4585623"   "4598576"   "4736636"   "4889692"   "5384095"   "5523231"   "5674394"   "5863801"   "5976369").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 16:52
S55	4	("4736636").URPN.	USPAT	OR	ON	2010/02/03 16:53
S56	0	("6387710").URPN.	USPAT	OR	ON	2010/02/03 16:56
S57	0	("6387710").URPN.	USPAT	OR	ON	2010/02/03 16:56
S58	12	("5384095").URPN.	USPAT	OR	ON	2010/02/03 16:57
S59	17	("2719426"   "3223123"   "3368385"   "3411525"   "3477207"   "3508582"   "3933436"   "4506558"   "4625569"   "4690179"   "4706627").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 16:59
S60	17	("2719426"   "3223123"   "3368385"   "3411525"   "3477207"   "3508582"   "3933436"   "4506558"   "4625569"   "4690179"   "4706627").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:07
S61	28	("3223123").URPN.	USPAT	OR	ON	2010/02/03 17:08

S62	18	("2985589"   "3040777"   "3192954"   "3223123"   "3422848"   "3451428"   "3460574"   "3477207"   "3747630"   "4402832").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:09
S63	0	("3562506").URPN.	USPAT	OR	ON	2010/02/03 17:13
S64	0	("3562506").URPN.	USPAT	OR	ON	2010/02/03 17:13
S65	10	("2113798"   "3040777"   "3223123"   "3229705"   "3339569").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:13
S66	92	("3040777").URPN.	USPAT	OR	ON	2010/02/03 17:13
S67	14	("2262224"   "2979963"   "2985589"   "3040777"   "3186434"   "3192954"   "3422848").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:15
S68	16	("3192954").URPN.	USPAT	OR	ON	2010/02/03 17:16
S69	10	("2985589"   "3192954"   "3706812"   "3814129"   "4068528"   "4263937"   "5105851").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:17
S70	2	("6904936").URPN.	USPAT	OR	ON	2010/02/03 17:18
S71	92	("3040777").URPN.	USPAT	OR	ON	2010/02/03 17:19
S72	18	("2946348"   "2972357"   "2985589"   "3040777"   "3192954"   "3422848"   "3542072"   "3977434"   "4335745"   "4402832"   "4480662").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:20
S73	7	("3542072").URPN.	USPAT	OR	ON	2010/02/03 17:21
S74	30	("4231990"   "4506558"   "4726237"   "4983523"   "5105851"   "5142084"   "5374522"   "5652141"   "5856174"   "5882903"   "5922288"   "5922591"   "5935858"   "6043080"   "6100084"   "6168948").PN.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/03 17:22

S75	16	("3889151"   "4399361"   "5176203"   "5229580"   "5364790"   "5415839"   "5422271"   "5451500"   "5460780"   "5475610"   "5585069"   "5593838"   "5602756"   "5616301"   "5643738"   "5654200"). PN	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:27
S76	16	("3889151"   "4399361"   "5176203"   "5229580"   "5364790"   "5415839"   "5422271"   "5451500"   "5460780"   "5475610"   "5585069"   "5593838"   "5602756"   "5616301"   "5643738"   "5654200"). PN	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/03 17:43
S77	7	("3542072").URPN.	USPAT	OR	ON	2010/02/03 17:43
S78	342	(rotor) and actuator and chamber\$2 and "422"/\$	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/03 17:44
S79	1220	(rotor) and stator and membrane and chamber\$2	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/12 13:08
S80	80	S79 and ("422"/\$ or "436"/\$)	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/12 13:08
S81	14	"3985155"	US-PGPUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/02/12 13:11
S82	8	("4242909"   "4625569"   "5400824"   "5865417"   "6012488"   "6155123"   "6267143"   "6585296"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 13:16
S83	10	("2743739"   "2948299"   "2964061"   "5316042"   "5623965"   "5803117"   "5810049").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/02/12 13:19
S84	13	("5316042").URPN.	USPAT	OR	ON	2010/02/12 13:20



S85	28	("2079041"   "2741265"   "2918938"   "2974681"   "3008490"   "3040777"   "3198004"   "3246667"   "3658092"   "3972350"   "4490961"   "4509555"   "4700745"   "4791775"   "4807424"   "4991375"   "5096052"   "5261451"   "5316042"   "5345747"). PN.	US-PGRUB; USPAT; USOCR	OR	ON	2010/02/12 13:21
S86	1072	(rotor and stator) and (bead\$2) and filter\$2	US-PGRUB; USPAT; USOCR	OR	ON	2010/02/12 14:33
S87	27	S86 and ("422"/\$ or "436"/ \$)	US-PGRUB; USPAT; USOCR	OR	ON	2010/02/12 14:34
S88	13	(rotor and stator) and (bead\$2) and filter\$2 and "137"/\$	US-PGRUB; USPAT; USOCR	OR	ON	2010/02/12 14:35
S89	1078	(rotor and stator) and (bead\$2) and filter\$2	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:38
S90	27	S89 and ("422"/\$ or "436"/ \$)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:39
S91	24833	(valve) and (bead\$2) and filter\$2	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:40
S92	226908	(valve) same (bead\$2 or filter\$2 or membrane)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:41
S93	7818	S92 and ("422"/\$ or "436"/ \$)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:41
S94	414	S93 and rotor	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 14:42

S95	73	S94 and injector	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/02/12 15:30
S96	2	"20040203055"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 16:32
S97	33	"6495104"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 16:35
S98	42	{"4390403"   "4908112"   "5126022"   "5188963"   "5223219"   "5498392"   "5571410"   "5585069"   "5593838"   "5603351"   "5635358"   "5637469"   "5690893"   "5699157"   "5750015"   "5779868"   "5800690"   "5842787"   "5852495"   "5869004"   "5876675"   "5880071"   "5882465"   "5885470"   "5942443"   "5945334"   "5948227"   "5955028"   "5957579"   "5958203"   "5958694"   "5959291"   "5964995"   "5965001"   "5965410"   "5972187"   "5976336"   "5989402"   "6001231"   "6004515"   "6011252"   "6012902"). PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 16:38
S99	37	(priming) same chip\$2 same microfluidic	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 16:40
S100	34	{"3866119"   "4726929"   "4919887"   "5030418"   "5049359"   "5106758"   "5219526"   "5223219"   "5270006"   "5304487"   "5334349"   "5344326"   "5443790"   "5444386"   "5486335"   "5489414"   "5498392"   "5501838"   "5510082"   "5519635"   "5537051"   "5571410"   "5603351"   "5716825"   "5857866"   "5858195"   "5863801"   "5955028"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 16:43

		"5989402"   "6041515"   "6071478"   "6239590"   "6246250"   "6495104"). PN.				
S101	15	("3651927"   "4328184"   "4751184"   "4798705"   "4855109"   "4857272"   "4948737"   "5075079"   "5089418"   "5102624"   "5154889"   "5167922"   "5219526"   "5270006"   "5332549").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 16:45
S102	13	("3775595"   "3916157"   "4483927"   "5000923"   "5104621"   "5122342"   "5266272"   "5270006"   "5282149"   "5362648"   "5397539"   "5405510"   "5428470").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 16:47
S103	38	("5405510").URPN.	USPAT	OR	ON	2010/03/03 16:48
S104	89	(chip same (remov\$4 or transfer\$4 or modular) same (prim\$4) same (analyzer or analysis))	USPAT	OR	ON	2010/03/03 17:22
S105	430	(chip same (remov\$4 or transfer\$4 or modular) same (prim\$4) same (analyzer or analysis))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 17:23
S106	70	S105 and microfluidic	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 17:24
S107	21	"1011164"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 17:30
S108	22	"1059348"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 17:31
S109	32	"5582702"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 17:32

S110	7	("4323439"   "4874491"   "4892639"   "5045164"   "5209831"   "5407552"   "5411657").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2010/03/03 17:33
S111	13	("5582702").URPN.	USPAT	OR	ON	2010/03/03 17:34
S112	79	((chip or cassette) same (remov\$4 or transfer\$4 or modular) same (prim\$4) same (analyzer or analysis)) and microfluidic	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 17:35
S113	89	((cassette) same (remov\$4 or transfer\$4 or modular) same (analyzer or analysis)) and microfluidic	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 17:35
S114	1514	((cassette) same (remov\$4 or transfer\$4 or modular) same (analyzer or analysis)) and electrophor \$4	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 17:41
S115	711	S114 and (inserting)	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 17:41
S116	4	("4909918"   "5443704").PN.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 17:57
S117	21	"9800231"	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 18:02
S118	7958	unno.in.	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 18:03
S119	9	S118 and "422"/\$	US-PGRUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 18:04

S120	30	(filling same (microfluidic)) and ((transfe\$4 or remov\$4 or insert\$4) same analyzer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 18:20
S121	31	("4280815"   "4652333"   "4663230"   "4826759"   "4891321"   "5061445"   "5068088"   "5098771"   "5110693"   "5124075"   "5147806"   "5165909"   "5171560"   "5189549"   "5194133"   "5221605"   "5238808"   "5247243"   "5296191"   "5304326"   "5308754"   "5310687"   "5324457"   "5340716"   "5418171"   "5466416"   "5468606"   "5492840"   "5591581"   "5632957"   "5776672").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 18:21
S122	39	(filling same (microfluidic)) and ((transfe\$4 or remov\$4 or insert\$4 or mov\$4) same analyzer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 18:22
S123	7	(filling same (microfluidic)) and ((transfe\$4 or remov\$4 or insert\$4 or mov\$4) same microfluidic same analyzer)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2010/03/03 18:23
S124	3	("2003/0230488").URPN.	USPAT	OR	ON	2010/03/03 18:26
S125	102	("20030057968"   "20030142291"   "20040065143"   "20040109386"   "20040154933"   "20040233424"   "20050105077"   "20060134599"   "3822095"   "3928094"   "3976862"   "4284412"   "4478076"   "4478077"   "4501144"   "4599000"   "4651564"   "4683159"   "4695034"   "4704033"   "4745279"   "4818263"   "4874949"   "4911616"   "4932989"   "4980292"   "5017497"   "5050429"   "5078581"   "5082242"   "5085562"   "5096388"	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 18:29

		"5108623"   "5129794"   "5171132"   "5176358"   "5185641"   "5194909"   "5219278"   "5224843"   "5244537"   "5323999"   "5441597"   "5452878"   "5457526"   "5504011"   "5510267"   "5528045"   "5570193"   "5601080"   "5616501"   "5633724"   "5683159"   "5716852"   "5717631"   "5726751"   "5757476"   "5760900"   "5793485"   "5799030"   "5822170"   "5836750"   "5837547"   "5839807"   "5863502"   "5880474"   "5893722"   "5901939"   "5922210"   "5932100"   "5948684"   "5970315"   "5971158"   "5972710"   "5974867"   "6007775"   "6032689"   "6054335"   "6082185"   "6091197"   "6091537"   "6094293"   "6097485"   "6097859"   "6106245"   "6109889"   "6116756"   "6124663"   "6139800"   "6179586"   "6184607"   "6215221"   "6228652"   "6237619"   "6240944"   "6249341"   "6265176"   "6281975"   "6382228"   "6549275"   "6597438"   "6949377"). PN.				
S126	37	("3976862"   "4478076"   "4478077"   "4501144"   "4651564"   "4683159"   "4745279"   "4874949"   "5050429"   "5082242"   "5108623"   "5176358"   "5185641"   "5244537"   "5323999"   "5441597"   "5528045"   "5601080"   "5633724"   "5683159"   "5716852"   "5726751"   "5793485"   "5799030"   "5822170"   "5836750"   "5880474"   "5893722"   "5922210"   "5932100"   "5948684"   "5971158"   "5972710"   "5974867"   "6007775"   "6139800"   "6249341").PN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 18:35
S127	11	(filling same (cartridge or cassette) same removable) and "422"/\$	US-PGPUB; USPAT; USOCR	OR	ON	2010/03/03 18:37

S128	279	((cartridge or cassette) same removable) and "422"/S	US-PGRUB; USPAT; USOCR	OR	ON	2010/03/03 18:38
S129	1	"20050158209"	US-PGRUB; USPAT; USOCR	OR	ON	2010/03/03 18:43
S130	2	("20020186666"   "20030021725").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2010/03/03 18:44
S131	8	("20030021725"   "20030180190"   "4263406"   "4708782"   "5516402"   "6613560"   "6737026"   "6994827"). PN.	US-PGRUB; USPAT; USOCR	OR	ON	2010/03/03 18:45
S132	20	("4130824"   "4222843"   "4298796"   "4306958"   "4360413"   "4360418"   "4391689"   "4578169"   "4666578"   "4781464"   "4810348"   "4827780"   "4890247"   "4909920"   "4911816"   "4938080"   "4954237"   "4960999"   "4986891"   "5171410"). PN.	US-PGRUB; USPAT; USOCR	OR	ON	2010/03/03 18:48
S133	9	("4097149"   "4162208"   "4242730"   "4244797"   "4244803"   "4360418"   "4391689"   "4810348"   "4827780").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2010/03/03 18:53
S134	5	("3096137"   "3614241"   "3706877"   "3965477"). PN.	US-PGRUB; USPAT; USOCR	OR	ON	2010/03/03 18:54
S135	13	("4130824").URPN.	USPAT	OR	ON	2010/03/03 18:54
S136	32	"6495104"	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/03/04 13:27
S137	6352	toilet near4 flush	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/03/04 17:24
S138	1633585	groove\$2	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/03/04 17:24
S139	861	S137 and S138	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/03/04 17:24
S140	57	S139 and manifold	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/03/04 17:24
S141	2	(reverse near4 osmosis) and (reference same detector) and (water) and (dirty and clean)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/03/04 18:43

S142	169	(reverse near4 osmosis) and (reference same detector) and (water)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/03/04 18:45
S143	131	((reverse near4 osmosis) and (calibrat\$4 same detector) and (water)	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/03/04 18:45
S144	11	("3838774"   "4587518"   "4801375"   "4885081"   "4937557"   "5096574"   "5103179"   "5450358"   "5499197"   "5644501"   "5646863").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2010/03/04 18:51
S145	32	"5646863"	US-PGRUB; USPAT; USOCR	OR	ON	2010/03/04 18:54
S146	42	("20030230488"   "4390403"   "4908112"   "5126022"   "5498392"   "5571410"   "5585069"   "5593838"   "5603351"   "5635358"   "5637469"   "5699157"   "5716852"   "5750015"   "5800690"   "5858187"   "5858195"   "5869004"   "5876675"   "5880071"   "5882465"   "5885470"   "5932100"   "5942443"   "5948227"   "5955028"   "5958694"   "5959291"   "5965410"   "5976336"   "5989402"   "6001229"   "6001231"   "6012902"   "6042709"   "6062261"   "6074725"   "6100541"   "6120666"   "6221226"   "6235471"   "6280589").PN.	US-PGRUB; USPAT; USOCR; EPO; JPO	OR	OFF	2010/08/12 12:52
S147	7	("3654012"   "4312694"   "5304487"   "5427946"   "5486335"   "5498392"   "5788814").PN.	US-PGRUB; USPAT; USOCR	OR	ON	2010/08/12 12:53
S148	17	S146 and prim\$3	US-PGRUB; USPAT; USOCR	OR	ON	2010/08/12 12:54
S149	215	((MICHAEL) near2 (KENNEDY)).INV.	US-PGRUB; USPAT; USOCR	OR	ON	2010/08/12 12:55
S150	1	S149 and (priming near2 block)	US-PGRUB; USPAT; USOCR	OR	ON	2010/08/12 12:55
S151	7	((ALEXANDER) near2 (GETER)).INV.	US-PGRUB; USPAT; USOCR	OR	ON	2010/08/12 12:55
S152	1	S151 and (priming near2 block)	US-PGRUB; USPAT; USOCR	OR	ON	2010/08/12 12:56

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